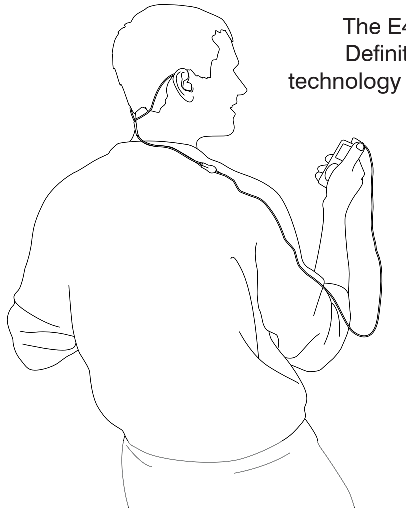
E4c
Sound Isolating Earphones

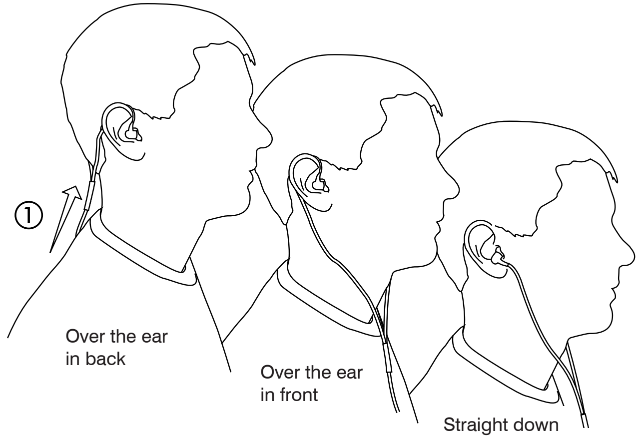


The E4c earphone features High-Definition drivers with Tuned-Port technology for an ultra-wide frequency soundstage with brilliant highs and extended bass. As the ideal companion to any portable or home audio source, the E4c incorporates the same precision components used by professional musicians to bring incredibly accurate sound with remarkable isolation.

27EN3189B (Rev. 4)
Printed in U.S.A.

WEARING THE EARPHONES

Three popular methods for wearing the earphones are illustrated below.

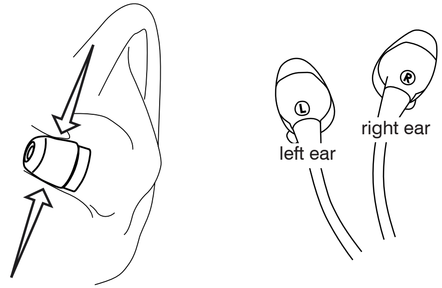


Tighten the cable and take up slack by raising the cable sleeve ①.

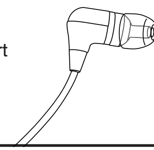
INSERTING THE EARPHONES

If the earphone seems to be lacking in low frequency response (bass), check the tightness of the seal between the earphone and your ear, or try one of the other sleeve options.

Warning: Do not push the earphone sleeve beyond the ear canal opening.



Make sure that the sleeve completely covers the earphone nozzle. If any part of the nozzle is exposed, the sleeve is not properly installed.

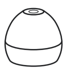


CHOOSING AN EARPHONE SLEEVE

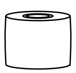
Your earphones come with a selection of sleeves. Make sure the sleeve you use is easy to insert into your ear, fits comfortably, and is easy to remove from your ear.



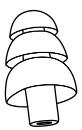
Flex Sleeves
In small, medium, and large sizes. Made from translucent PVC.



Soft Flex Sleeves
In small, medium, and large sizes. Made from pliable rubber.



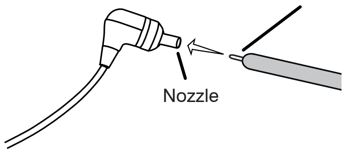
Foam Sleeves
When using the foam sleeves, compress the sleeve between your fingers before inserting it into the ear canal. Hold the earphone in place for about ten seconds while the foam expands and creates a tight seal.



Triple-Flange Sleeves
If desired, the sleeve nozzle may be shortened. Use sharp scissors to carefully trim the nozzle to the desired length.

CLEANING THE EARPHONE NOZZLE

If the nozzle of your earphone is blocked, clean the nozzle using the supplied wax removal loop.



When cleaning, do not force any object through the earphone nozzle! This will damage the earphone sound filter.

If necessary, the supplied replacement nozzles may be used. See the back of this guide for instructions on nozzle replacement.

FULL TWO YEAR WARRANTY

Shure Incorporated (“Shure”) hereby warrants that this product will be free from defects in materials and workmanship for a period of two years from the date of purchase. At its option Shure will repair or replace the defective product and promptly return it to you, or refund the purchase price. You should retain proof of purchase to validate the purchase date and return it with any warranty claim.

If you believe this product is defective within the warranty period, carefully repack the unit, insure it, and return it postage prepaid to:

Shure Incorporated
5800 W. Touhy Ave.
Niles, IL 60714-4608

SHURE Incorporated http://www.shure.com
United States, Canada, Latin America, Caribbean:
5800 W. Touhy Avenue, Niles, IL 60714-4608, U.S.A.
Phone: 847-600-2000 U.S. Fax: 847-600-1212 Int’l Fax: 847-600-6446
Europe, Middle East, Africa:
Shure Europe GmbH, Phone: 49-7131-72140 Fax: 49-7131-721414
Asia, Pacific:
Shure Asia Limited, Phone: 852-2893-4290 Fax: 852-2893-4055

SAFE USE

- Use a slow twisting motion to remove the earphones. Never pull on the earphone cord.
- **Warning:** If a sleeve becomes lodged in your ear, **seek skilled medical assistance to remove the sleeve.** Damage to the ear may be caused by non-professionals attempting to remove the sleeve.
- Prior to inserting the earphone, always recheck the sleeve to make sure it is firmly attached to the nozzle.
- Turn up the volume control only far enough to hear properly.
- Ringing in the ears may indicate that the volume level is too high. Try lowering the volume.
- If you connect these earphones to an airplane's sound system, listen at low levels so that loud messages from the pilot do not cause discomfort.
- Have your ears checked by an audiologist on a regular basis. If you experience wax buildup, discontinue use until an audiologist has examined your ears.
- Stop using the earphones if they are causing great discomfort or infection.

FURNISHED ACCESSORIES

Level attenuator PA235
Carrying pouch 95A2259
Fit Kit w/cleaning tool 90XJ1371
Triple flange sleeves 90WX1371
Replacement nozzles 90XF1371
Plug adapter — 1/8” to 1/4” PA234

REPLACEMENT PARTS

Bag of 20 foam sleeves PA750
Bag of 500 foam sleeves PA754
Bag of 10 clear flex sleeves:
small PA756S
medium PA756M
large. PA756L
Bag of 10 soft flex sleeves:
small PA758S
medium PA758M
large. PA758L
Triple-flange sleeves (2) PA755
Replacement nozzles (2). PA4NC

TECHNICAL SPECIFICATIONS

Transducer type	Single balanced armature
Sensitivity (at 1kHz)	109 dB SPL/mW
Impedance (at 1kHz)	29 Ω
Output connector	Gold-plated 3.5 mm (1/8-inch) stereo plug
Cable length	157 cm (62”)
Net weight	31 g (1.1 oz.)
Operational temperature	-18° C to 57° C (0° F to 135° F)
Storage temperature	-29° C to 74° C (-20° F to 165° F)

CUSTOM EARPHONE SLEEVES

Those who use earphones regularly for extended periods of time often find custom-fit molded sleeves offer the best comfort and sound isolation.

Ask a Hearing Health Care Professional about creating custom molded sleeves for your earphones. For more information, visit http://www.sensaphonics.com.

PA235 LEVEL ATTENUATOR

The PA235 provides you with volume control when you are connecting earphones to airplane seat outputs. It is intended only for airline use. It is not intended for use with other audio sources.

To use the PA235:

1. Connect the 1/8-inch jack on the earphones to the female jack on the PA235.
2. Turn the PA235 volume down completely (toward –).
3. Connect the PA235 to the 1/8-inch audio output of the airplane seat.
4. Insert the earphones into your ears (see Inserting the Earphones).
5. Turn the volume on the PA235 up slightly (toward +).
6. Adjust the seat volume as follows:
   - If the audio is distorted, turn down the volume at the seat.
   - If there is no distortion, but there is background noise, turn up the seat volume.
7. Adjust the PA235 volume to a comfortable level.

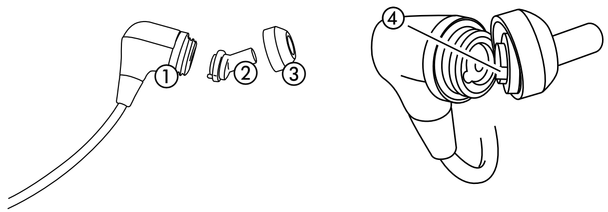
NOTE: the program may be interrupted by messages from the pilot that are much louder. To avoid discomfort, keep the overall volume just loud enough for listening enjoyment.

REPLACING THE EARPHONE NOZZLE

Replace the nozzle if it becomes damaged, or if wax buildup cannot be removed using the wax removal loop.

1. Unscrew the retainer ③ from the earphone base ①.
2. Remove the nozzle ②.
3. Slide the retainer ③ over the new nozzle ②.
4. Place the nozzle on the earphone base with the flange ④ aligned with the groove in the base. Tighten the retainer ③.

Be careful when replacing the earphone nozzle. Parts are small and easily lost if dropped.



MAINTENANCE

- Careful maintenance ensures a tight seal between the sleeve and nozzle, improving sound quality and product safety.
- Keep the earphones and sleeves as clean and dry as possible.
- Do not expose earphones to extreme temperatures.
- Wipe the earphones and sleeves with mild antiseptic to avoid infections. **Do not use alcohol-based disinfectants.**

CERTIFICATION

Eligible to bear CE marking.

Conforms to European EMC Directive 89/336/EEC.

Meets applicable tests and performance criteria in European Standard EN 55103 (1996) Parts 1 and 2, for residential (E1) and light industrial (E2) environments.